



CHEMICAL ATTACK

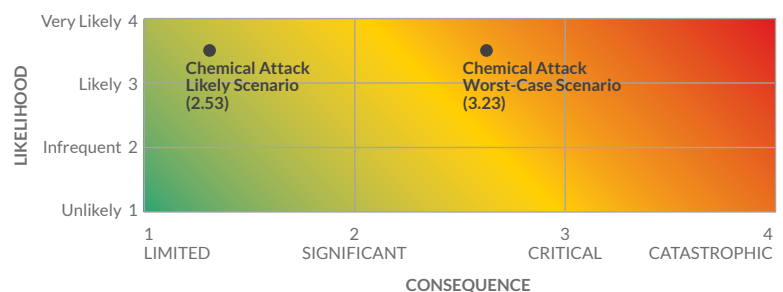


A Chemical Attack is the intentional release of potentially harmful chemicals into the environment. Agents used in a Chemical Attack include poisonous vapors, aerosols, liquids, and solids that have toxic effects on people, animals, or plants (chemicals used to create Explosives hazards are profiled separately).

HAS IT HAPPENED LOCALLY?

There have been four small-scale Chemical Attack hazard events in Howard County during the reviewed time period (2004-2014). All Howard County Chemical Attacks in recent history have been minor incidents. Local Chemical Attack hazards include a caustic powder thrown at an individual and the use of a chemical agent to destroy a yard and property.

RISK MATRIX



WHAT IS THE ONGOING RISK?

There is an expected **11-30+% Annual Likelihood** of a Chemical Attack hazard in Howard County. In the most likely Chemical Attack hazard scenario, the **Total Impact is considered Limited**. In the worst-case scenario, the **Total Impact is considered Significant-Critical**.

DID YOU KNOW?

- Most health effects from a Chemical Attack occur in the minutes immediately following the attack.
- Inhalation or skin absorption of many chemical agents can cause permanent health problems or death.

FOR MORE INFORMATION:

- Howard County Hazard Identification and Risk Assessment readyhoco.com/hazards
- U.S. Department of Homeland Security dhs.gov/chemical-attack-fact-sheet
- Ready.gov ready.gov/chemical-threats
- Centers for Disease Control and Prevention emergency.cdc.gov/chemical

LOCAL RISK OVERVIEW

Future Likelihood	Likely-Very Likely 11-30+% chance of annual occurrence	
Impact	MOST-LIKELY	WORST-CASE
	Limited-Significant	Significant-Critical
Risk Score	2.53	3.23
Risk Ranking (High to Low)	Ranked #8 of 16 man-made hazards.	

CHEMICAL ATTACK IMPACT

Where no Worst-Case bar is visible, Worst-Case impact is equivalent to Likely Impact

